

Summary Report for Individual Task
011-237-2014
Perform Electronic Countermeasures/Electronic Counter-Countermeasures Procedures (UH-60)
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD5 - This product/publication has been reviewed by the product developers in coordination with the Fort Rucker foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

Condition: In an H-60 helicopter and given a signal operating instructions (SOI). This task should not be trained in MOPP 4.

Standard: 1. Test and operate aircraft avionics and voice security equipment according to the appropriate aircraft operator's manual.

2. Maintain radio discipline.

3. Use the SOI.

4. Recognize and respond to enemy electronic countermeasures.

5. Operate Mark XII identification, friend or foe (IFF) system.

Special Condition: None

Safety Risk: Low

MOPP 4: Never

Task Statements

Cue: To correctly operate electronic countermeasures/ electronic counter-countermeasures systems.

DANGER

None

WARNING

None

CAUTION

None

Remarks: None

Notes: None

Performance Steps

1. Crew actions.

- a. The pilot in command (PC) will ensure assigned radio frequencies are briefed during the crew briefing. He will indicate whether the pilot on the controls (P*) or pilot not on the controls (P) will establish and maintain primary communications.
- b. The P* will announce mission information not monitored by the P and any deviation from directives.
- c. The P will manage and announce radio frequencies and copy and decode pertinent information. He will announce mission information not monitored by the P*.

2. Procedures. Electronic communications should not be used in a tactical environment except when absolutely necessary. If electronic communication is required, the preferred method is to operate in frequency hopping (FH)/have-quick secure voice mode. To eliminate confusion and reduce transmission time, the crew must use approved communication words, phrases, and codes. Plan what to say before keying the transmitter. Transmit information clearly, concisely, and slowly enough to be understood by the receiving station. Ideally, keep transmissions under 10 seconds. Do not pass mission critical information on unsecured nets. Do not identify a unit or an individual by name during nonsecure radio transmissions. Follow procedures listed below.

a. Authentication. Use proper SOI procedures to authenticate all in-flight mission changes, artillery advisories, when entering or departing a radio net, when challenged or when requesting authentication.

b. Meaconing, interference, jamming, and intrusion/joint spectrum interference resolution (MIJI/JSIR) procedures. Keep accurate and detailed records of any MIJI incidents. Report an incident as soon as possible when a secure communications capability exists. (See task 2022 for information on transmitting a tactical report.)

c. Visual methods. Use other visual communication methods such as flags, lights, panels, pyrotechnics, hand and arm signals, and aircraft maneuvers.

d. Mark XII IFF. Turn on, test, and operate the IFF per the appropriate aircraft operator's manual. Operate the IFF per the tactical situation. During shutdown, hold or zeroize the code, as required.

(Asterisks indicates a leader performance step.)

Evaluation Guidance: Evaluation will be conducted in the aircraft.

Evaluation Preparation: Training may be conducted in the aircraft or simulator.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Tested and operated aircraft avionics and voice security equipment according to the appropriate aircraft operator's manual.			
2. Maintained radio discipline.			
3. Used the SOI.			
4. Recognized and responded to enemy electronic countermeasures.			
5. Operated Mark XII identification, friend or foe (IFF) system.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	011-A-3339	Signal Operation Instructions (SOI)	Yes	No
	TB 1-1520-237-CL	OPERATOR'S AND CREWMEMBER'S CHECKLIST SUPPLEMENT FOR UH-60A HELICOPTER	No	No
	TM 1-1520-237-10	OPERATOR'S MANUAL FOR UH-60A HELICOPTER, UH-60L HELICOPTER EH-60A HELICOPTER (REPRINTED W/BASIC INCL C1)(THIS ITEM IS INCLUDED ON EM 0051)	No	No
	TM 1-1520-280-10	OPERATOR'S MANUAL FOR HELICOPTERS, UTILITY TACTICAL TRANSPORT UH-60M (NSN: 1520-01-492-6324)(EIC: RSP) HH-60M (1520-01-515-4615)(EIC:RSQ) (THIS ITEM IS INCLUDED ON EM 0051)(REPRINTED W/BASIC INCL C1)	No	No
	TM 1-1520-280-CL	OPERATOR'S AND CREWMEMBER'S CHECKLIST HELICOPTER (REPRINTED W/BASIC INCL C1-5)	No	No
	TM 11-5895-1199-12	OPERATORS AND ORGANIZATIONAL MAINTENANCE MANUAL FOR THE MARK XII IFF SYSTEM	No	No
1.	011-A-3339	Signal Operation Instructions (SOI)	Yes	No
1.	FM 1-101	(OBSOLETE) Aviation Battlefield Survivability	Yes	No
1.	FM 24-35	Signal Operations Instructions "the SOI." (INACTIVE (OBSOLETE) ITEM)	Yes	No
1.	LOCAL SOP	LOCAL SOP	Yes	No
1.	TM 1-1520-237-10	OPERATOR'S MANUAL FOR UH-60A HELICOPTER, UH-60L HELICOPTER EH-60A HELICOPTER (REPRINTED W/BASIC INCL C1)(THIS ITEM IS INCLUDED ON EM 0051), September 25, 2009, Change 004, April 17, 2013	Yes	No

Environment: Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Units will assess environmental risk using the checklist and assessment matrixes in TC 3-34.489 and FM 3-100.4. Rated (RCMs) and NCMs should always be alert to ways to protect our environment during training and missions. RCMs and NCMs will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination.

Prerequisite Individual Tasks : None

Supporting Individual Tasks : None

Supported Individual Tasks : None

Supported Collective Tasks : None